

To:

NCDOT Prioritization 3.0 Project Summary

SPOT ID: H141557 Mode: Highway Status: Submitted

I-95

From/Cross Street: SR 1709 (Hodges Chapel Road) S

Specific Improvement Type: 8 - Improve Interchange

Project Category: Statewide Mobility

Length: 2 **TIP#:** I-5133

Fully Funded in Draft STIP? No Cost to NCDOT: \$7,290,000

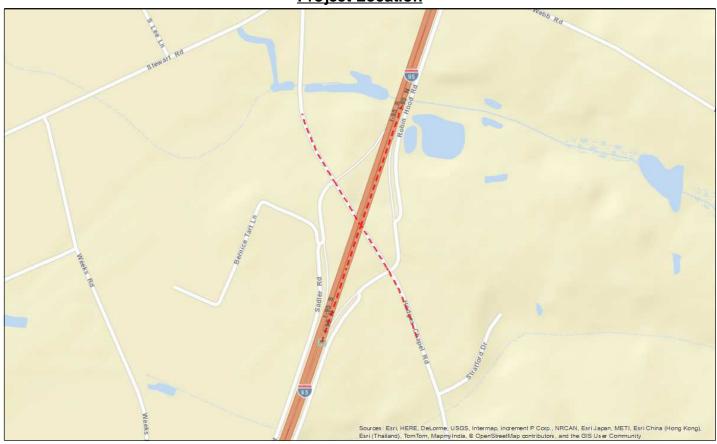
Fully Funded in Draft STIP? No Description:

Exit 77 Improve configuration and lengthen spans for future widening.

Division(s): Division 6 **County(s):** HARNETT

MPOS(s)/RPO(s): Mid-Carolina RPO

Project Location



09/24/2014 09:32 AM Highway **1/4**

I-95 SPOT ID H141557

Statewide Mobility Total Score: 37.61

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Multimodal + [Freight & Military] (20%) [Travel Time] Benefit/Cost (30%) Congestion (V/C) (30%) Safety (10%) Economic Competitiveness (10%) Totals: Weight: 100% Weighted Score:	49.78 1.27 68.41 66.70 0.76	N/A	N/A

Regional Impact Total Score: 58.28

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Accessibility / Connectivity (10%) Congestion (V/C) (25%) Safety (10%) [Travel Time] Benefit/Cost (25%)	41.88 68.41 66.70 1.27	Percent: 15% Points: 100	Percent: 15% Points: 100
Totals: Weight: 70% Weighted Score	e: 28.28		

Division Needs Total Score: 45.61

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) Safety (10%) [Travel Time] Benefit/Cost (20%) Totals: Weight: 50% Weighted Scor	68.41 66.70 1.27 e: 20.61	Percent: 25% Points: 0	Percent: 25% Points: 100

09/24/2014 09:32 AM Highway **2/4**

I-95 SPOT ID H141557

Project Data *

Existing Conditions

Existing Cross-Section: Speed Limit: 65 2 Length (miles); Freeway Facility Type: Full Access Control: Functional Classification: Interstate Terrain Type: Level Lane Width: 12 Paved Shoulder Width: 10 Roadway has Curb & Gutter? No Volume (AADT): 62823.29 Capacity: 87097.24 Volume/Capacity Ratio: 0.72 % Autos: 84% % Trucks: 16% Truck Volume: 9955.56 0 Crash Density: 0 Crash Severity: 0 Critical Crash Rate: Crash Frequency: 66.7 Severity Index: 66.7 County Tier Designation: Non-Interstate STRAHNET No Route? Average Commuting Time: 16 Existing Median Type (for Divided Cost Estimation): Pavement Condition Rating: 92 32.47 Actual Congested Speed: Travel Time Index: 1.69

Project Benefits

Project Cross-Section:	
Speed Limit:	65
Length (miles):	2
Facility Type:	Freeway
Access Control:	None
Functional Classification:	Interstate
TerrainType:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	396000
Travel Time Savings for 30 Years (Autos):	333246.18
Travel Time Savings for 30 Years (Trucks):	62753.82
Long-Term Employment:	6.52
% Change in Economy:	8.65E-06
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 6

09/24/2014 09:32 AM Highway **3/4**

^{*} Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

I-95 SPOT ID H141557

Project Ownership

Division

Division	Percent	Regional Impact	Division Needs
Division 6	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Mid-Carolina RPO	100%	100	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	100

Project Cost and Source

Construction Cost:	\$6,750,000	Cost Estimation Tool
Right-of-Way Cost:	\$540,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$7,290,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$7,290,000	

09/24/2014 09:32 AM Highway **4/4**